

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number
WO 2004/018542 A3

- (51) International Patent Classification⁷: **C08L 81/06**, C08K 3/40, C08L 69/00, 71/00
- (21) International Application Number: PCT/US2003/026497
- (22) International Filing Date: 26 August 2003 (26.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/405,745 26 August 2002 (26.08.2002) US
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- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
- (88) Date of publication of the international search report: 15 July 2004
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: AROMATIC POLYCONDENSATION POLYMER COMPOSITIONS EXHIBITING ENHANCED STRENGTH PROPERTIES

(57) Abstract: The strength properties of glass-reinforced aromatic polycondensation polymer composition are enhanced by the addition of at least one phenoxy polymer. Tensile and flexural strength, elongation, and impact properties are improved by the addition of at least one phenoxy polymer. The aromatic polycondensation polymers include polyarylethersulfones, polyaryletherketones, polycarbonates, polyetherimides, and copolymers and mixtures thereof.



WO 2004/018542 A3

INTERNATIONAL SEARCH REPORT

Int application No

PCT/US 03/26497

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08L81/06 C08K3/40 C08L69/00 C08L71/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 798 855 A (LAUSBERG DIETRICH ET AL) 17 January 1989 (1989-01-17) cited in the application column 8, line 3 - line 15 column 7, line 50 - line 58; examples 6-14; table 1 column 9, line 26 - line 56	1, 3-5, 7-20, 22-25, 27-33
X	US 5 344 868 A (ABRAMOWICZ MARK A ET AL) 6 September 1994 (1994-09-06) claims 1-3,7,13; examples; tables -/-	1-3, 7-23, 27-34

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

5 December 2003

Date of mailing of the international search report

22/12/2003

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INTERNATIONAL SEARCH REPORT

Inter plication No
PC.17.00 33/26497

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI Section Ch, Week 199231 Derwent Publications Ltd., London, GB; Class A28, AN 1992-256554 XP002264025 -& JP 04 175374 A (DAINIPPON INK & CHEM KK), 23 June 1992 (1992-06-23) abstract</p> <p>-----</p>	1-34

INTERNATIONAL SEARCH REPORT

Inte application No
PCT/JP 93/26497

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JP 4175374	A	23-06-1992	NONE	